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**Specimen transfer mechanism for placing specimens in vacuum chambers -  
has transport plug, specimen container and support in container joined  
via bayonet connectors**

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Number of Countries: 001    Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Week
DE 4114427	A	19921105	199246 B
DE 4114427	C2	19950126	199508

Local Applications (No Type Date): DE 4114427 A 19910503; DE 4114427 A  
19910503

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Abstract (Basic): DE 4114427 A

The specimen transfer mechanism includes a transport plug (3)  
rigidly attached to a rod which can be inserted into the chamber. A  
specimen container (2) with electrical connections can be attached to  
the plug. A support (1) inside the chamber for the specimen container  
has electrical counter-connections.

The plug and container and the container and supports are  
connected via bayonet connections (14,11) with opposite rotation  
directions. The contacts are contact lips and corresp. counter pieces,  
which are made by applying radial forces when rotating the bayonet  
connections during opening and closing.

USE/ADVANTAGE - E.g. for use in semiconductor manufacturing and  
research. Transfer mechanism is easy to use and eliminates centering  
difficulties.

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